

RAZAN ALTIRAIFI

ASSOC. AIA, NOMA, LEED GREEN ASSOCIATE
DESIGNER | TECHNOLOGIST

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LANCASTER GENERAL HEALTH EMERGENCY DEPARTMENT, KITCHEN AND SERVERY EXPANSION AND RENOVATION

THE EMERGENCY DEPARTMENT RENOVATION WILL ENCOMPASS A TOTAL OF APPROXIMATELY 38,600 DGSF OF INTERIOR SPACE WITHIN THE EXISTING EMERGENCY DEPARTMENT AND APPROXIMATELY 29,700 DGSF OF SPACE IN THE EXISTING DIETARY DEPARTMENT. THE EXPANSION OF THE EMERGENCY DEPARTMENT WILL ADD AN ADDITIONAL APPROXIMATELY 6,600 BGSF OF SPACE ON THE GROUND FLOOR.



ROLE

BIM Manager

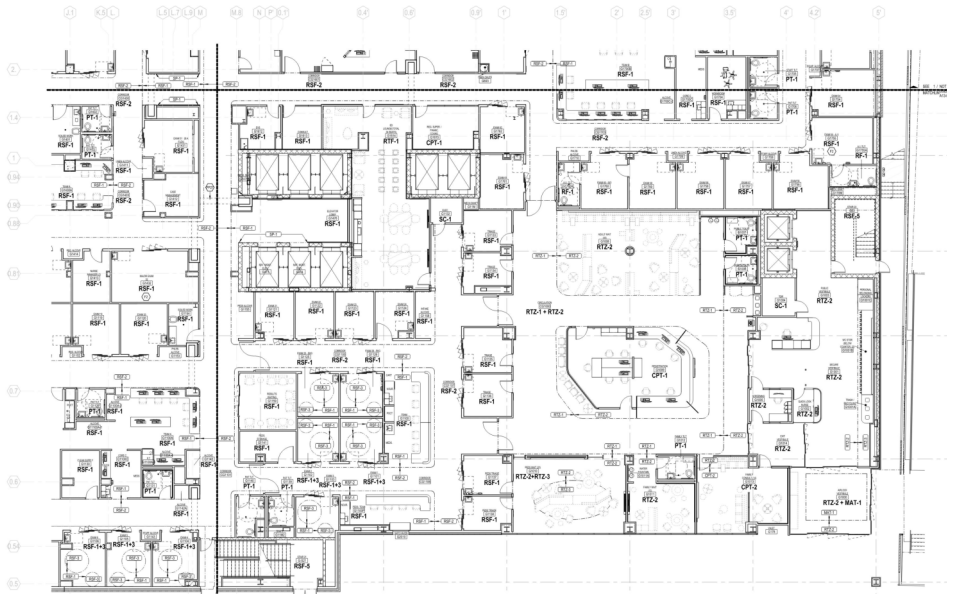
- Migrated project to BIM 360.
- Upgraded from Revit 2018 -> Revit 2020

Design Development Package

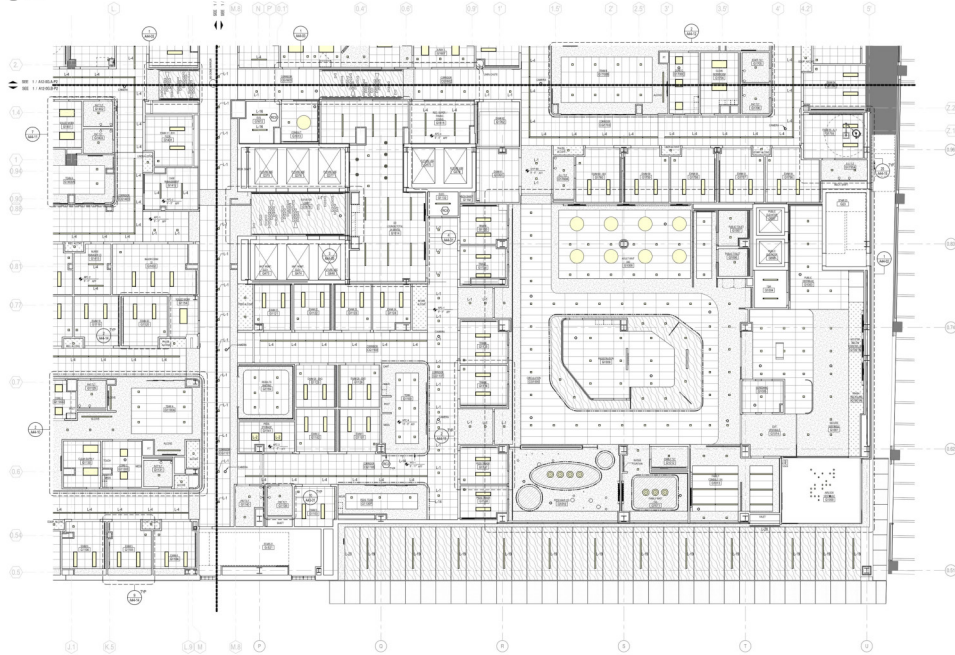
- Contributed to RCPs
- Floor Finish Plans

VR Technology

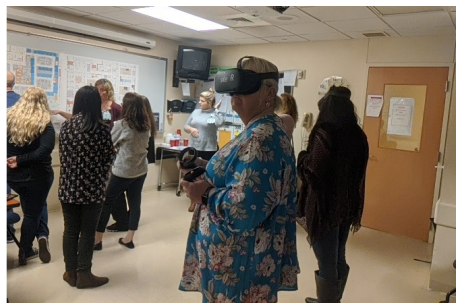
- Generated VR walkthrough and renders
- Conducted Internal Design Review meetings in VR
- Conducted User Group Meetings using VR headsets



1 GROUND FINISH PLAN, AREA C PACKAGE 2



1 GROUND REFLECTED CEILING PLAN, AREA C - PACKAGE 2



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WORKPLACE RECOMMENDATIONS REPORT COURT SERVICES AND OFFENDER SUPERVISION AGENCY (CSOSA), NATIONAL CAPITAL REGION

GSA ENGAGED PERKINS AND WILL TO DEVELOP A HOUSING PLAN (GSA FORM) AND A WORKPLACE RECOMMENDATIONS REPORT (WRR) FOR THE COURT SERVICES AND OFFENDER SUPERVISION AGENCY (CSOSA) WHO IS CURRENTLY LOCATED AT 800 NORTH CAPITOL STREET NW, IN WASHINGTON, DC, IN PREPARATION TO SOLICIT A NEW LEASE. THE PURPOSE OF THE STUDY IS TO EVALUATE THE PERFORMANCE AND UTILIZATION OF CSOSA'S CURRENT WORKPLACE, DEVELOP FUTURE RECOMMENDATIONS THAT IMPROVE THE OVERALL WORK ENVIRONMENT AND SUPPORT JOB FUNCTION WORK PATTERNS, DOCUMENT ORGANIZATIONAL RELATIONSHIPS AND INTERACTIONS, DEVELOP A PRELIMINARY BUDGET, AND PROJECT TIMELINE.

ROLE

- Developed floor plans and schedules in Revit
- Authored draft report under guidance of Principal and Project Designer
- Developed headcount tables in Excel

Table 6: Overall Program

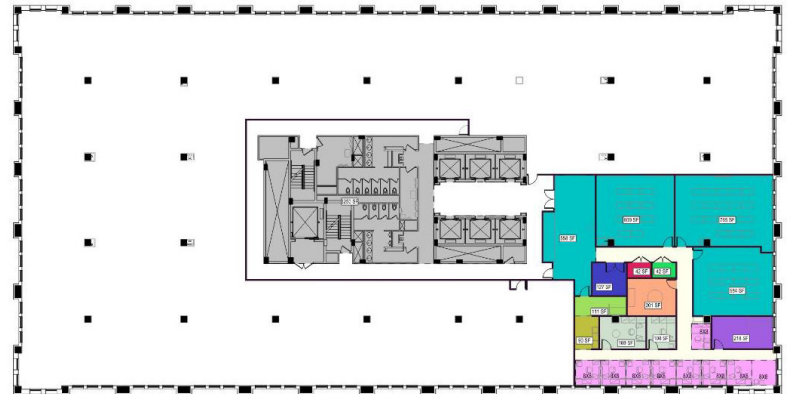
Category	PROGRAM	QTY	TOTAL (SF)
CONFERENCE	CONFERENCE	10	3,214
	HUDDLE	20	2,854
CONFERENCE Total		29	5,945
OFFICE	OFFICE 100	45	4,761
	OFFICE 150	30	4,330
	OFFICE 200	9	1,880
	OFFICE 250	6	1,436
	OFFICE 300	1	284
	OFFICE 500	1	532
OFFICE Total		93	13,346
SUPPORT	AV CLOSET	1	42
	COPY / PRINT	14	1,719
	FILE	8	1,249
	INTERVIEW	8	704
	IT	2	943
	LAN	5	333
	LOCKERS	2	202
	MAIL	3	525
	PANTRY	7	1,256
	PHONE	2	59
	SECURITY	1	343
	STORAGE	15	1,798
TRAINING	7	5,466	
WAITING	6	1,783	
SUPPORT Total		82	16,422
WORKSTATION	10X10	45	4,658
	8X10	12	999
	8X8	127	7,971
	6X8	95	4,116
	TELEWORK POD	5	250
WORKSTATION Total		284	17,904
CIRCULATION	CIRCULATION		26,515
Grand Total (approx.) USF			80,221

*These numbers are based on area take-offs in Revit from the actual floor plans. These are not based on Landlord's BOMA calculations.

Level 02 Floor Plan



Level 05 Floor Plan



Level 06 Floor Plan



Level 07 Floor Plan



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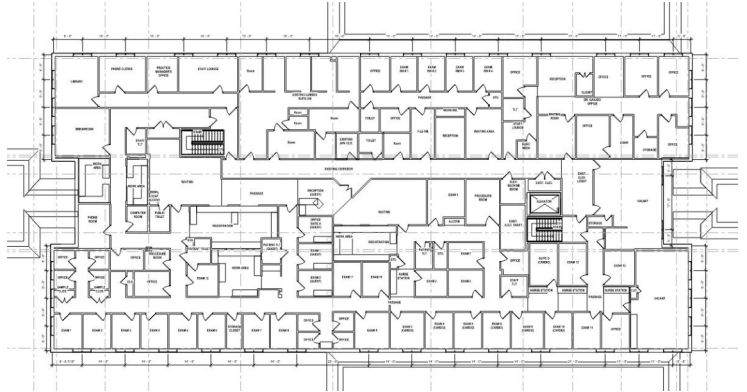
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TENANT FIT-OUT OF THE BOWIE HEALTH CENTER

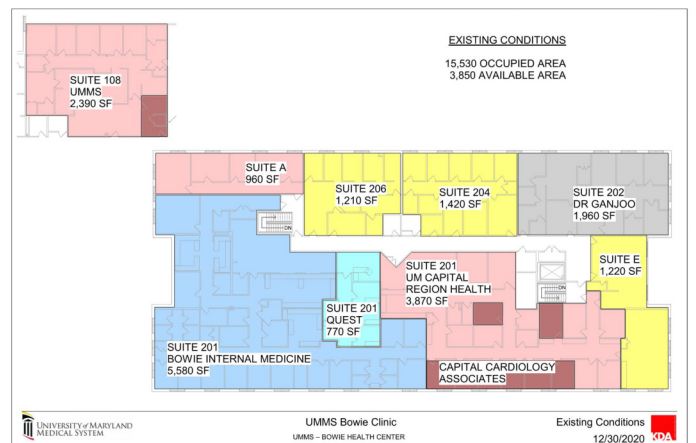
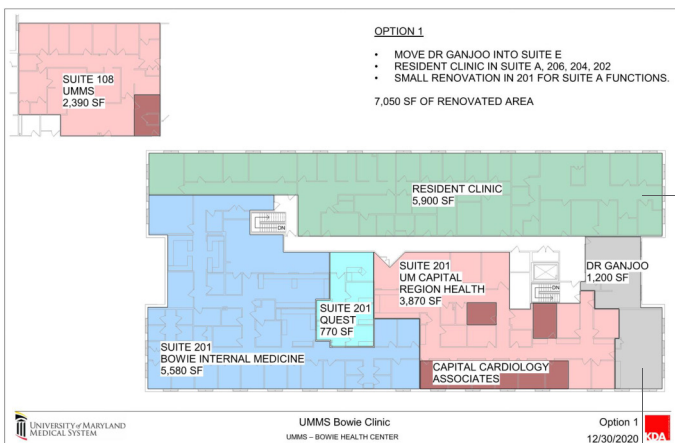
UNIVERSITY OF MARYLAND CAPITAL REGION HEALTH, UMMS'S REQUIREMENTS ARE TO FIT-OUT A SPACE PROGRAM OF APPROXIMATELY 5,447 SF FAMILY MEDICINE CLINIC ON THE SECOND FLOOR OF THE EXISTING TWO-STORY BASE BUILDING WHICH IS CURRENTLY OCCUPIED BY THE OWNER. PRIOR TO THE DESIGN DEVELOPMENT OF THE CLINIC, THE OWNER REQUIRES THE CREATION OF A MASTER SPACE UTILIZATION PLAN FOR THE FIRST AND SECOND FLOOR OF THE EXISTING BUILDING. THE SPACE UTILIZATION MASTER PLAN WILL BE USED TO DETERMINE THE BEST LOCATION FOR THE FUTURE FAMILY MEDICINE CLINIC.

WORK DONE UNDER GUIDANCE OF PROJECT ARCHITECT

Modeled Existing Conditions in Revit



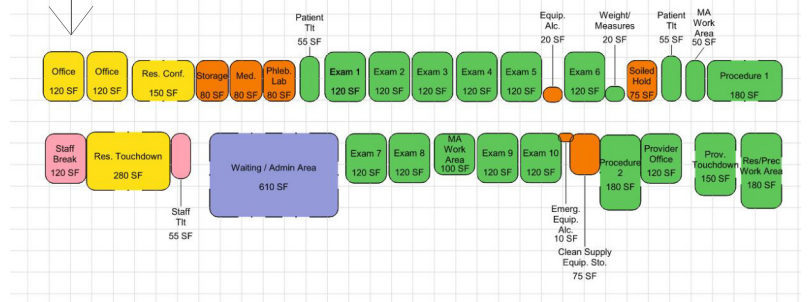
Resident Clinic - Masterplan options



Dr. Ganjoo - Programming and Schematic Design



Resident Clinic - Space Programming Exercise



Resident Clinic - Schematic Design



TENANT FIT-OUT OF THE BOWIE HEALTH CENTER

EXCERPT FROM SCHEMATIC DESIGN SUBMISSION

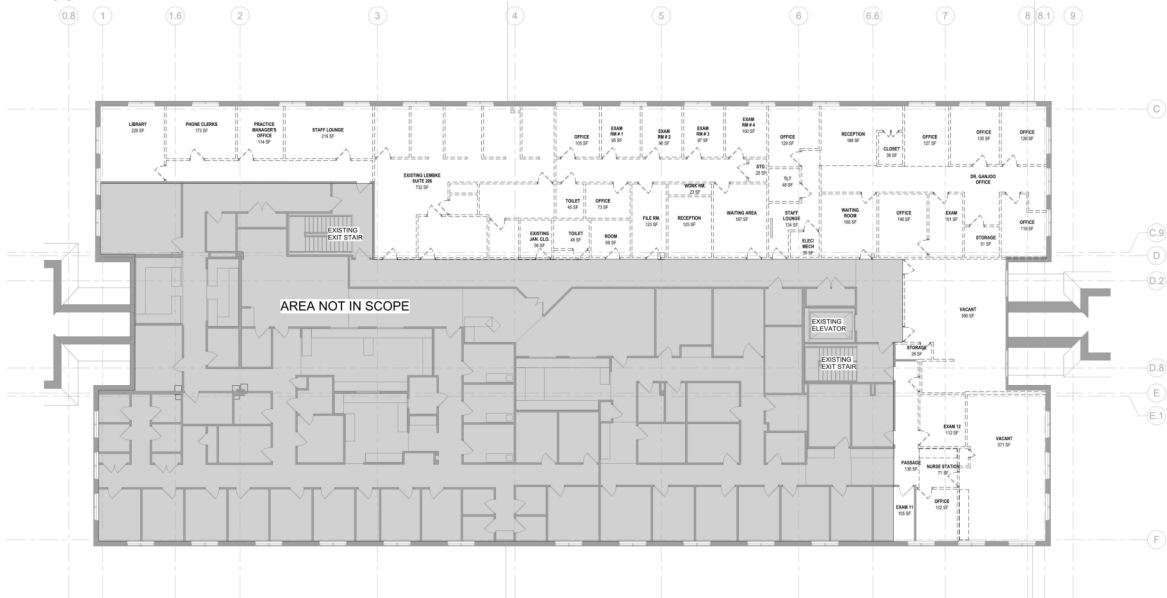
PROJECT OVERVIEW

THE FAMILY RESIDENT CLINIC IS AN OUTPATIENT PHYSICIAN'S OFFICE TO SUPPORT THE UNIVERSITY'S TEACHING PROGRAM OF THE RESIDENT DOCTORS SEEING PATIENTS WITH THEIR PRECEPTORS IN AN OFFICE SETTING. THE CLINIC PROGRAM CONSISTS OF EXAM ROOMS, PROCEDURE ROOMS, WAITING ROOM, CLINICAL SUPPORT, ADMINISTRATION AREAS, AND RESIDENT LEARNING AND OFFICE AREAS. THE PROGRAM OF THE CLINIC WAS INCREASED BY 2 EXAM ROOMS, AND 1 PROCEDURE ROOM DURING THE SCHEMATIC DESIGN PROCESS. THIS PROGRAM IS TO BE PLACED ON THE 2ND FLOOR OF THE EXISTING BOWIE HEALTH CLINIC BUILDING.

THE EXISTING BUILDING DID NOT HAVE A CONTIGUOUS FREE SPACE TO ACCOMMODATE THE PROGRAM. A BRIEF MASTER PLANNING EXERCISE WAS UNDERTAKEN TO CONFIRM THE EXISTING LAYOUTS AND RECOMMEND WAYS TO FIT THE FAMILY MEDICINE CLINIC INTO THE BUILDING. BASED ON THE MASTERPLAN CONCLUSIONS, AN EXISTING PSYCHIATRIST OFFICE WILL BE RELOCATED WITHIN THE 2ND FLOOR AREA. WITH INPUT FROM THE PRACTICE LEADER DR GANJOO, A SMALLER PROGRAM AND SCHEMATIC DESIGN WERE DEVELOPED FOR HER OFFICE.



1 2ND FLOOR LIFE SAFETY PLAN
10'-0" x 10'-0"



1 2ND FLOOR DEMOLITION PLAN
10'-0" x 10'-0"



1 2ND FLOOR PLAN
10'-0" x 10'-0"